

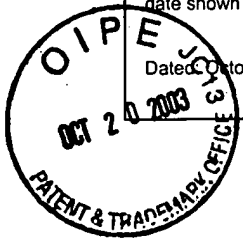
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 336627104 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated October 20, 2003

Signature: \_\_\_\_\_

(Tamara Alcaraz)

PATENT  
Docket No. 342312001600



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In the application of:

Brian A. MOSER and Jeffrey C. BAKER

Serial No.: 09/763,559

Filing Date: June 4, 2001

For: REVERSIBLE BORONATE  
COMPLEXES OF 1,2 CIS-DIOL  
CYCLIC PEPTIDES

Examiner: A. Mohamed

Group Art Unit: 1653

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Supplemental Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.

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- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☒ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
- ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
- ☒ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \_\_\_ is enclosed.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to

**Deposit Account No. 03-1952** referencing 342312001600. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: October 20, 2003

Respectfully submitted,

By: 

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Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number 342312001600	Application Number 09/763,559
	Applicant Brian A. MOSER and Jeffrey C. BAKER	
	Filing Date June 4, 2001	Group Art Unit 1653
	Mailing Date October 20, 2003	



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## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	12/14/1988	EP 0 294 990	Europe			
	2.	07/28/1999	EP 0 931 834	Europe			
	3.	03/09/2000	WO 00/12540	WIPO			
	4.	06/15/2000	WO 00/34315	WIPO			
	5.	09/08/2000	WO 00/51564	WIPO			
	6.	09/08/2000	WO 00/51567	WIPO			
	7.	09/08/2000	WO 00/52036	WIPO			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	8.	Boeck, L. D. et al. (1989). "Deacylation of Echinocandin B by <i>Actinoplanes Utahensis</i> ", <i>The Journal of Antibiotics</i> , XLII(3):382-388.
	9.	Evans, D. A. et al. (1987). "Synthesis of the Cyclic Hexapeptide Echinocandin D. New Approches to the Asymmetric Synthesis of $\beta$ -Hydroxy $\alpha$ -Amino Acids", <i>J. Am. Chem. Soc.</i> 109:7151-7157.
	10.	Grieser, M. D. and Pietrzyk, D.J. (1973). "Liquid Chromatography on a Porous Polystyrene-Divinylbenzene Support; Separation of Nitro- and Chlorophenols", <i>Analytical Chemistry</i> 45(8):1348-1353.
	11.	Kurokawa, N. et al. (1986). "Total Synthesis of Echinocandins. 1. Stereocontrolled Syntheses of Constituents Amino Acids", <i>J. Am. Chem. Soc.</i> 108:6041-6043.
	12.	Kurokawa, N. et al.(1993). "Synthetic Studies on Antifugal Cyclic Peptides, Echinocandins. Stereoselective Total Synthesis of Echinocandin D via a Novel Peptide Coupling", <i>Tetrahedron</i> , 49:6195-6222.
	13.	Voser, W. and Weiss, K. (1980). "Influence of Cations and Anions on the Separation Properties of Macroporous Polystyrene-Type Resins for Cephalosporins," <i>Journal of Chromatography</i> 201:287-292.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket Number 342312001600	Application Number 09/763,559
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant Brian A. MOSER and Jeffrey C. BAKER	
		Filing Date June 4, 2001	Group Art Unit 1653
		Mailing Date October 20, 2003	
14.	Zambias, R. et al. (1992). "Preparation and Stucture--Activity Relationships of Simplified Analogues of the Antifungal Agent Cilofungin: A Total Synthesis Approach.", <i>J. Med. Chem.</i> 35:2843-2855.		
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PTO/SB/ 08 (2-92) pa- 830843		Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE	